

Nu 4

$$\|f'(x)\|_{X,Y} = \|f'(x)\|_{\infty} = \|(10000, 1000000000)\|_{\infty} = 1000000000$$

$$\kappa_u \approx 1000000000$$

$$\begin{array}{r} \cancel{10000} \quad \kappa_r = 1000000000 \frac{1}{7,0001} \\ \hline \underline{1000000000} \\ = 99990001 \end{array}$$